

STATE OF LOUISIANA

ELECTRICAL CONTRACTOR

The holder of an Electrical Contractor license may own and operate a business engaged in the installation of electrical wires, fixtures, appliances, apparatus, raceways, and conduits.

The following is a list of subject areas with the approximate percentages of questions allotted to each subject on the test:

<u>Subject Area</u>	<u>Percentage</u>
General Knowledge of the Electrical Trade and Calculations	18
Grounding and Bonding	11
Services, Feeders, and Branch Circuits	14
Enclosures and Raceways	14
Conductors	12
Motors and Controls	11
Utilization and General Use Equipment	11
Special Occupancies and Equipment	6
Low Voltage Circuits	3

The examination is made up of **80 questions**. The minimum passing grade is **70% correct**. You will be allowed **four hours** to complete the examination. This is an **OPEN BOOK** exam. You will ***only*** be allowed to use the Board's paperback copy of the 1993 National Electrical Code while taking the examination.

REFERENCE LIST

The reference materials listed below should be helpful to candidates in preparing for this examination. This reference list is just a representative sample of the available materials that contain relevant information. There are a number of other books on the market containing similar information. These materials may NOT contain all of the information needed to be competent in this trade or to pass the examination. We try to keep this reference list current and consisting of industry-standard materials. However, due to circumstances beyond our control, some of these references may go out of print or be unavailable. Please contact the publisher, a bookstore, a book distributor, or library for these or similar reference materials. If any reference is out of print or unavailable, your local library may be able to obtain these references for your use through the services of Inter-Library Loan.

1. **National Electrical Code**; NFPA 70-1993; National Fire Protection Association; Batterymarch Park, Quincy, MA. (ISBN # 0-87765-383-6)
2. **American Electricians' Handbook**; Croft, Terrell and Summers, Wilford I.; McGraw-Hill Book Co.; New York. (ISBN # 0-07-013933-4)
3. **Direct Current Fundamentals**; Loper, Orla E. and Tedsen, Edgar; Delmar Publishers, Inc.; Albany, NY. (ISBN # 0-8273-4146-6)
4. **Alternating Current Fundamentals**; Duff, John R. and Herman, Stephen L.; Delmar Publishers, Inc.; Albany, NY. (ISBN # 0-8273-2239-9)
5. **Electric Motor Control**; Alerich, Walter N.; Delmar Publishers, Inc.; Albany, NY. (ISBN # 0-8273-3039-1)